

Abstract of the Disclosure

The invention relates to a water-permeable dam which can be used to control a permanent flow of water and the water flow velocity. The inventive device comprises adjacent water-filled (2) shafts which are hydraulically-interconnected by means of holes (4) in order to equalise and control pressure. According to the invention, the aforementioned shafts are provided with decreasing heights such as to ensure a permanent flow from one shaft to another. Moreover, the flow channels(4) decrease from upstream down in order to maintain an overflow effect from one shaft (2) to another at the upper part (6) thereof, such that the upstream flow at the channel (4) is always greater than the downstream flow. The device can be used to produce water dams of all types and heights, while maintaining a controlled flow in terms of quantity and velocity. In addition, fish can move naturally in the tranquil stream of the current from upstream down and vice versa, thereby enabling the downstream and upstream migration of all types of fish.